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(54) Title: SUPPORTED CATALYST FOR PRODUCTION OF UNSATURATED CARBOXYLIC ACIDS FROM ALKANES

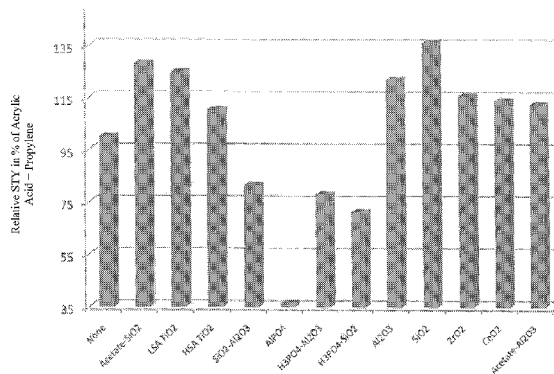


FIG. 1

(57) Abstract: The present disclosures and inventions relate to a supported catalyst composition for the catalytic oxidation of a hydrocarbon such as propane with oxygen or air, in the presence of a catalyst composition comprising a support material and a mixed metal composition comprising metals in the molar ratios described by the formula $Mo_aV_bGa_cPd_dNb_eZ_f$, wherein the support material is neutral or oxidative.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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 ADD.
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
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 B01J
 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 EPO-Internal, WPI Data

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X	EP 1 533 029 A1 (ROHM & HAAS [US]) 25 May 2005 (2005-05-25) example 1; table 3	1-33
A	EP 1 318 127 A2 (ROHM & HAAS [US]) 11 June 2003 (2003-06-11) example all	1-33
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Mattheis, Chris
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A	----- US 2003/208085 A1 (GAFFNEY ANNE MAE [US] ET AL) 6 November 2003 (2003-11-06) example all -----	1-33

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